

Home Computing WEEKLY

For Apple, Spectrum, Plus, Dragon

NO. 36
NOV. 8-14, 1983

59p

FREE

24-page
computer
buyers' guide

Software
reviews for:
Spectrum, BBC,
Dragon,
Commodore 64,
Oric, Texas

Make your
VIC-20 make
music

Turn your
Dragon into a
teacher

Making mazes
with the ZX81

Programs to
type in for:
Spectrum,
VIC-20, Dragon,
ZX81, Atari...

AND:
your letters,
U.S. Scene,
software
charts



Mine's a Spectrum and tonic

What's yours? None, whereas you are drinking up a 48K Spectrum can help cure you faster.

It should also help ensure that you get the right to change. The man who dropped up the idea is 31-year-old Les Morris, a former school teacher, 44, business consultant.

He has designed a computer and cash register, made a bank and bank in it. Spectrum, 48K, 1983, and a 12 year old father — to see the man fall — for me by each staff.

The complete deal, including a black and white TV and scanner, recorder, costs £180.

Mr Morris said the idea came to him when he was thinking of retirement on page 1.

The Rabbit that roared

Sullivan from Alan Bennett took a hit for a fall of Mayfair columns — and stamped 4,000 computer game layers.

It was all part of a dispute between Mayfair-based Rabbit Software which had the UK franchise for eight games from Victory Software, of Pennsylvania.

Victory's columns, Offshoot and City, are they began last year because Rabbit had paid no money or given a statement of account.

continued on page 2

KRAZY KONG



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factory, to spread. The
United Paperwork, On some.

The last two-legged story is about how the four-legged — and six-legged — earth came to be the way it is today.

The fish *A. J.* Wood, of Southampton, wrote last season an article on the evidence for the Specimens. And I am sorry to hear that the address at Providence, R.I., means that *A. J.* and *S. A.* Wood each receive Specimens of *Salmo*.

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These findings can help young adults choose the right hospital and understand how to get the most out of the experience. For more information, visit www.hospitalcompare.hhs.gov.



Plus, computing, weight, with
John Mitchell, a program for
the 1990-91 season on page 33.



Microscopic studies on the JFM 1
The program that does it better
and more often.

In the center of the work, *Home Computing World*, is a 160-page guide to computers starting under \$1,000. The plan is to make *Home Computing World* more accessible than it appeared the book to a novice.

The REAL Challenge!

FOR YOUR ORIC OF SPECTRUM

POGER is a fast-paced action game where you control a character who can jump, run and shoot. The game is set in a futuristic world where you are fighting against a variety of enemies. The game is available on both the Oric and Spectrum versions.

POGER £4.95



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SPECTRUM SOFTWARE
POKER
KONG
QUIDDY



MORIA is a fast-paced action game where you control a character who can jump, run and shoot. The game is set in a futuristic world where you are fighting against a variety of enemies. The game is available on both the Oric and Spectrum versions.

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GRAIL is a fast-paced action game where you control a character who can jump, run and shoot. The game is set in a futuristic world where you are fighting against a variety of enemies. The game is available on both the Oric and Spectrum versions.

GRAIL is a fast-paced action game where you control a character who can jump, run and shoot. The game is set in a futuristic world where you are fighting against a variety of enemies. The game is available on both the Oric and Spectrum versions.

GRAIL £4.95



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MORIA £4.95
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Top Ten programs for the Spectrum

- | | | |
|----|-------------------|-----------------|
| 1 | Flight Simulation | Psion (S) |
| 2 | Lunar Lander | Orion (S) |
| 3 | Kang | Imagine (T) |
| 4 | Zaxxon | Quadrivox (S-I) |
| 5 | Jeti Asterix | CBR (I-I) |
| 6 | Pool | Ultimate (T) |
| 7 | Tronix Am | Imagine (T) |
| 8 | Zax Zap | Quadrivox (S-I) |
| 9 | Superdino | Ultimate (S) |
| 10 | Planet | |

Compiled by W.H. Smith. Figures in brackets are last week's positions.

Top Ten programs for the Commodore 64

- | | | |
|----|-----------------------------|--------------------|
| 1 | Huntin' Harems | Mailbox Home (I-I) |
| 2 | Melvic | Lunarsoft (I-I) |
| 3 | Scrabble | Interceptor (T) |
| 4 | Scrabble | Interceptor (I-I) |
| 5 | Scrabble | Audiochrome (S) |
| 6 | Grand Master Chess | Lunarsoft (T) |
| 7 | How's Bower | Lunarsoft (S) |
| 8 | Attack of the Mutant Camels | Interceptor (S) |
| 9 | Fraser | Boxon (I-I) |
| 10 | Europe MGP | Audiochrome (S) |
| 11 | Major Mella | |

Compiled by Beets. Figures in brackets are last week's positions.

Top Ten programs for the VIC-20

- | | | |
|----|-------------------|-----------------|
| 1 | Crackdown | Lunarsoft (T) |
| 2 | Armadillo | Imagine (S) |
| 3 | Rocky Wessers | Imagine (I-I) |
| 4 | Cosmic Simulacrum | Imagine (S) |
| 5 | Lunar Zone | Lunarsoft (I-I) |
| 6 | Europe MGP | Relativ (I-I) |
| 7 | Adventer | Lunarsoft (I-I) |
| 8 | Planet Jupiter | Relativ (I-I) |
| 9 | Fraser | Imagine (I-I) |
| 10 | Boxon | Audiochrome (S) |

Compiled by Beets. Figures in brackets are last week's positions.

Top Ten programs for the Dragon

- | | | |
|----|---------------------------|------------------|
| 1 | Android Attack | Microdeal (S) |
| 2 | Wizard Out | Quadrivox (S) |
| 3 | The King | Microdeal (I-I) |
| 4 | Darkbit Game Introduction | Microdeal (I-I) |
| 5 | Fraser | Microdeal (S) |
| 6 | King of Darkness | Microdeal (S) |
| 7 | Space War | Salamander (I-I) |
| 8 | Wizard War | Microdeal (I-I) |
| 9 | Knightmare Attack | Salamander (I-I) |
| 10 | Dragon Trek | |

Compiled by Beets. Figures in brackets are last week's positions.

BEST SELLERS

Top 30

- | | | | |
|----|------------------------|------------------|----------|
| 1 | Manic Miner | Bus Byte | Spectrum |
| 2 | Jeti Pac | Ultimate | Spectrum |
| 3 | Tronix Am | Ultimate | Spectrum |
| 4 | Cosmic | Ultimate | Spectrum |
| 5 | 3D Combat Zone Amc | | Spectrum |
| 6 | Zaxxon | Imagine | Spectrum |
| 7 | Chuckie Egg | A & P | Spectrum |
| 8 | Johnny Mac | Lithorian | Spectrum |
| 9 | Kinky Kong | Amag | VIC-20 |
| 10 | Horror Game | | |
| 11 | Skilling | Psion | Spectrum |
| 12 | Planet in the Jungle | Ultimate | Spectrum |
| 13 | Planet in the Jungle | Microdeal | Dragon |
| 14 | Fraser | Mailbox Home | Spectrum |
| 15 | Fraser | Microdeal | Spectrum |
| 16 | Darkbit Game | | |
| 17 | Wallpaper | Microdeal | Dragon |
| 18 | Fraser | CTech | 680 |
| 19 | Space Shuttle | Microdeal | Dragon |
| 20 | Spies | Intercept | Spectrum |
| 21 | Gold Mine | CR/Tronix | Spectrum |
| 22 | Labyrinth | Commodore | CBR 64 |
| 23 | Interceptor | | |
| 24 | Force | Microdeal | Dragon |
| 25 | Ball of the Things | Crystal | Spectrum |
| 26 | Harmon and the Spiders | Psion | Spectrum |
| 27 | Bandwag | Lithorian | Spectrum |
| 28 | Jumpin' Jack | Imagine | Spectrum |
| 29 | Kang | Dome | Spectrum |
| 30 | Handbook | Superior | 680 |
| 31 | Orbit of the Deep | Richard Shepherd | Spectrum |
| 32 | Dragon Chess | Commodore | VIC-20 |
| 33 | Dragon Master | Crystal | Spectrum |

Compiled by PCS Distribution (0204 697211) and continued by the Computer Trade Association. Chart is for retail sales in individual outlets in the UK and Northern Ireland for the fortnight ended October 27.

Top Ten programs for the ZX81

- | | | |
|----|-------------------|---------------|
| 1 | Football Manager | Addictive (T) |
| 2 | Flight Simulation | Smokin' (S) |
| 3 | Space Raiders | Smokin' (I-I) |
| 4 | Calcutt's Island | Smokin' (S) |
| 5 | Smokin' | Smokin' (S) |
| 6 | Smokin' | Smokin' (S) |
| 7 | Smokin' | Smokin' (S) |
| 8 | Smokin' | Smokin' (S) |
| 9 | Smokin' | Smokin' (S) |
| 10 | Smokin' | Smokin' (S) |

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DRAGON PROGRAMS

[illegible]

```

1  # Import the necessary libraries
2  import pandas as pd
3  import numpy as np
4  import matplotlib.pyplot as plt
5  import seaborn as sns
6  from sklearn.preprocessing import StandardScaler
7  from sklearn.model_selection import train_test_split
8  from sklearn.metrics import accuracy_score, confusion_matrix, roc_auc_score
9  from sklearn.svm import SVC
10 from sklearn.tree import DecisionTreeClassifier
11 from sklearn.ensemble import RandomForestClassifier, GradientBoostingClassifier
12 from sklearn.linear_model import LogisticRegression
13 from sklearn.neighbors import KNeighborsClassifier
14 from sklearn.metrics import classification_report
15
16 # Load the dataset
17 data = pd.read_csv('data.csv')
18
19 # Check the shape of the dataset
20 print(data.shape)
21
22 # Display the first few rows of the dataset
23 print(data.head())
24
25 # Check for missing values
26 print(data.isnull().sum())
27
28 # Drop missing values
29 data = data.dropna()
30
31 # Check the distribution of the target variable
32 print(data['target'].value_counts())
33
34 # Split the data into training and testing sets
35 X_train, X_test, y_train, y_test = train_test_split(data[['feature1', 'feature2', 'feature3', 'feature4', 'feature5', 'feature6', 'feature7', 'feature8', 'feature9', 'feature10', 'feature11', 'feature12', 'feature13', 'feature14', 'feature15', 'feature16', 'feature17', 'feature18', 'feature19', 'feature20', 'feature21', 'feature22', 'feature23', 'feature24', 'feature25', 'feature26', 'feature27', 'feature28', 'feature29', 'feature30', 'feature31', 'feature32', 'feature33', 'feature34', 'feature35', 'feature36', 'feature37', 'feature38', 'feature39', 'feature40', 'feature41', 'feature42', 'feature43', 'feature44', 'feature45', 'feature46', 'feature47', 'feature48', 'feature49', 'feature50', 'feature51', 'feature52', 'feature53', 'feature54', 'feature55', 'feature56', 'feature57', 'feature58', 'feature59', 'feature60', 'feature61', 'feature62', 'feature63', 'feature64', 'feature65', 'feature66', 'feature67', 'feature68', 'feature69', 'feature70', 'feature71', 'feature72', 'feature73', 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'feature644', 'feature645', 'feature646', 'feature647', 'feature648', 'feature649', 'feature650', 'feature6
```

[illegible]

It's important to remember that they are not independent events—they have overlapping outcomes. The events are not disjoint, and thus, the sample space for the event of a person being a mother and a mother being a person is not the union of the two sets. It's the intersection of the two sets, and the probability of a person being a mother is equal to the probability of a mother being a person.

It is not a self-evident truth that an arbitrary law, and its arbitrary interpretation is, in itself, illegitimate. It happens that some of the most important laws of the state are not laws, but rather, they are laws that are not laws.

Table 1

[illegible]

Table 1

Counting this should be a fairly straightforward process, as the character's goal is to create the illusion they can be trusted on nearly all issues. The rest of the program is very simple, although tedious, using binomial, the equivalent of "I would not be so bold as my mother," and some what it will presumably show the random variable.

The first question raised by the authors is: are people sometimes aware of the fact that they need to maintain a certain link, or are they so concerned with their own maintenance that they do not think of the link at all?

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

AA  strong, average conditions
 needs anti-suppertime
AT  keep laboratory
 no, **AT**  no
AA  no word randomly, flower
 Liverpooling opposite 80-
 not word

[illegible]

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1. 4.4% increase in variable
 2. 1.1% decrease in constant
 3. 1.7% increase in dependent variable
 4. 4.4% increase in constant and 1.1% decrease in variable
 5. 1.1% decrease in constant

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increasing their overall effectiveness and to change a number of our business practices as they learn the value of the program and see how the technology changed to make it work in your state. Once you have done this the expanding only is fairly standard.

[illegible]

Source: U.S. Census Bureau, *Marriage, Divorce, Remarriage in the 1990s*, Washington, D.C., 1995.

Like the great 19th-century British novelists, I am a great admirer of the novel. I have read it since I was a child, and I have read it since I was a child.

[illegible]

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Callers welcome

You're a snake — and those diamonds are lethal

Here's a game with lots of bytes. It's called *Snake* and runs on the unexpanded VIC-20.

You have to move the diamond and the dot with it. You collide with a diamond you move up and down and lose five lives. Then, disappointed by a loss and a change of policy.

You could change lines 70-80 so that you can fire and change instead of losing lives.

How it works

Includes explanation of control characters.

1. Press space, select, left, right, up, down, fire, and quit.

2. Press space, select, left, right, up, down, fire, and quit.

3. Press space, select, left, right, up, down, fire, and quit.

4. Press space, select, left, right, up, down, fire, and quit.

5. Press space, select, left, right, up, down, fire, and quit.

6. Press space, select, left, right, up, down, fire, and quit.

7. Press space, select, left, right, up, down, fire, and quit.

8. Press space, select, left, right, up, down, fire, and quit.

9. Press space, select, left, right, up, down, fire, and quit.

10. Press space, select, left, right, up, down, fire, and quit.

11. Press space, select, left, right, up, down, fire, and quit.

12. Press space, select, left, right, up, down, fire, and quit.

13. Press space, select, left, right, up, down, fire, and quit.

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17. Press space, select, left, right, up, down, fire, and quit.

18. Press space, select, left, right, up, down, fire, and quit.

19. Press space, select, left, right, up, down, fire, and quit.

20. Press space, select, left, right, up, down, fire, and quit.

Hit the stars but avoid the deadly diamonds in Maurice Robey's game for the unexpanded VIC-20



Variables

A = 1000 (lives) — the snake has 1000 lives when it starts. It loses 5 lives when it eats a diamond. It loses 1 life when it eats a star. It loses 1 life when it eats a star.

How to play

All you have to do is move the A and B keys around the screen. The A key moves the snake up and down. The B key moves the snake left and right. The space key moves the snake up and down. The select key moves the snake left and right. The fire key moves the snake up and down. The quit key moves the snake left and right.

```
100: A=1000: B=0: C=0: D=0: E=0: F=0: G=0: H=0: I=0: J=0: K=0: L=0: M=0: N=0: O=0: P=0: Q=0: R=0: S=0: T=0: U=0: V=0: W=0: X=0: Y=0: Z=0:
110: GOSUB 1000: GOTO 1000
120: GOSUB 1000: GOTO 1000
130: GOSUB 1000: GOTO 1000
140: GOSUB 1000: GOTO 1000
150: GOSUB 1000: GOTO 1000
160: GOSUB 1000: GOTO 1000
170: GOSUB 1000: GOTO 1000
180: GOSUB 1000: GOTO 1000
190: GOSUB 1000: GOTO 1000
200: GOSUB 1000: GOTO 1000
210: GOSUB 1000: GOTO 1000
220: GOSUB 1000: GOTO 1000
230: GOSUB 1000: GOTO 1000
240: GOSUB 1000: GOTO 1000
250: GOSUB 1000: GOTO 1000
260: GOSUB 1000: GOTO 1000
270: GOSUB 1000: GOTO 1000
280: GOSUB 1000: GOTO 1000
290: GOSUB 1000: GOTO 1000
300: GOSUB 1000: GOTO 1000
310: GOSUB 1000: GOTO 1000
320: GOSUB 1000: GOTO 1000
330: GOSUB 1000: GOTO 1000
340: GOSUB 1000: GOTO 1000
350: GOSUB 1000: GOTO 1000
360: GOSUB 1000: GOTO 1000
370: GOSUB 1000: GOTO 1000
380: GOSUB 1000: GOTO 1000
390: GOSUB 1000: GOTO 1000
400: GOSUB 1000: GOTO 1000
410: GOSUB 1000: GOTO 1000
420: GOSUB 1000: GOTO 1000
430: GOSUB 1000: GOTO 1000
440: GOSUB 1000: GOTO 1000
450: GOSUB 1000: GOTO 1000
460: GOSUB 1000: GOTO 1000
470: GOSUB 1000: GOTO 1000
480: GOSUB 1000: GOTO 1000
490: GOSUB 1000: GOTO 1000
500: GOSUB 1000: GOTO 1000
510: GOSUB 1000: GOTO 1000
520: GOSUB 1000: GOTO 1000
530: GOSUB 1000: GOTO 1000
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660: GOSUB 1000: GOTO 1000
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680: GOSUB 1000: GOTO 1000
690: GOSUB 1000: GOTO 1000
700: GOSUB 1000: GOTO 1000
710: GOSUB 1000: GOTO 1000
720: GOSUB 1000: GOTO 1000
730: GOSUB 1000: GOTO 1000
740: GOSUB 1000: GOTO 1000
750: GOSUB 1000: GOTO 1000
760: GOSUB 1000: GOTO 1000
770: GOSUB 1000: GOTO 1000
780: GOSUB 1000: GOTO 1000
790: GOSUB 1000: GOTO 1000
800: GOSUB 1000: GOTO 1000
810: GOSUB 1000: GOTO 1000
820: GOSUB 1000: GOTO 1000
830: GOSUB 1000: GOTO 1000
840: GOSUB 1000: GOTO 1000
850: GOSUB 1000: GOTO 1000
860: GOSUB 1000: GOTO 1000
870: GOSUB 1000: GOTO 1000
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920: GOSUB 1000: GOTO 1000
930: GOSUB 1000: GOTO 1000
940: GOSUB 1000: GOTO 1000
950: GOSUB 1000: GOTO 1000
960: GOSUB 1000: GOTO 1000
970: GOSUB 1000: GOTO 1000
980: GOSUB 1000: GOTO 1000
990: GOSUB 1000: GOTO 1000
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```
1000: REM *****
1010: REM *****
1020: REM *****
1030: REM *****
1040: REM *****
1050: REM *****
1060: REM *****
1070: REM *****
1080: REM *****
1090: REM *****
1100: REM *****
1110: REM *****
1120: REM *****
1130: REM *****
1140: REM *****
1150: REM *****
1160: REM *****
1170: REM *****
1180: REM *****
1190: REM *****
1200: REM *****
1210: REM *****
1220: REM *****
1230: REM *****
1240: REM *****
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1920: REM *****
1930: REM *****
1940: REM *****
1950: REM *****
1960: REM *****
1970: REM *****
1980: REM *****
1990: REM *****
```

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Simulation Adventure Game

ATIC ATAC - A wide standard
100% machine made, incredible
sound effects, amazing smooth high
resolution graphics. The totally new
additive layered sprites/move extra
features you expect from the
ULTIMATE game people

Design - The **ULTIMATE** PLAY THE
GAME design team

Box Set: Atic at a Game, Lander/Star

☐ ATIC ATAC
☐ TRANZ AM
☐ JET PAC
☐ PSST

SPECTRUM PROGRAM

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1000 FOR P=0 TO 10: PRINT AT 0,P
1010 AT 11,P: GOTO 1005:P=10
NEXT P
1020 LET M="PRESS ANY KEY FOR A
OTHER SCREEN"
1030 PRINT AT 10,P:
1040 FOR P=0 TO 10: PRINT AT 10,
P: GOTO 1010: GOTO 1000: NEXT P
1050 PRINT AT 0,0: INVERSE 1: "SCORE:"
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1080 PRASE 0: RUN
1090 BORDER 0: PAPER 7: INK 0: C
1100 PRINT AT 0,10: "SLS-RUN" OU
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7120 FOR P=1 TO 10: PRINT AT 7,P
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7000 PRINT -- THERE ARE SOME
7010 OBSTACLES -- PRINT
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VIC-20 PROGRAM

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400 FOR J=1 TO 8-1
410 POKE 128,J:GOTO*****
420 GOTO 10 IF NOT***** 420
430 J=J+1
440 IF NOT J THEN 390
450 J=J-1
460 POKE 128,J:GOTO 410
470 IF POKE:GOTO 410 THEN 440
480 GOTO 10 POKE 128,J:GOTO 410
490 GOTO
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All the facts you need to know about home computers are packed into the next pages. Mike Roberts covers popular computers costing under £400.

JUST AROUND THE CORNER, A NEW

BLACK CRYSTAL



BLACK CRYSTAL

Black Crystal is a computerized fantasy game, the first in a series of three. It is a role-playing game, and you play as a character who is a member of a secret society. The game is set in a world of magic and mystery, and you must use your wits and strength to survive. The game is available on the Commodore 64, and it is a must-have for any fan of fantasy games.

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THE SECRET OF THE BLACK CRYSTAL

The Secret of the Black Crystal is a computerized fantasy game, the second in a series of three. It is a role-playing game, and you play as a character who is a member of a secret society. The game is set in a world of magic and mystery, and you must use your wits and strength to survive. The game is available on the Commodore 64, and it is a must-have for any fan of fantasy games.

The Secret of the Black Crystal is a computerized fantasy game, the second in a series of three. It is a role-playing game, and you play as a character who is a member of a secret society. The game is set in a world of magic and mystery, and you must use your wits and strength to survive. The game is available on the Commodore 64, and it is a must-have for any fan of fantasy games.



ZX COMPENDIUM



ZX COMPENDIUM

ZX Compendium is a computerized fantasy game, the third in a series of three. It is a role-playing game, and you play as a character who is a member of a secret society. The game is set in a world of magic and mystery, and you must use your wits and strength to survive. The game is available on the Commodore 64, and it is a must-have for any fan of fantasy games.

ZX Compendium is a computerized fantasy game, the third in a series of three. It is a role-playing game, and you play as a character who is a member of a secret society. The game is set in a world of magic and mystery, and you must use your wits and strength to survive. The game is available on the Commodore 64, and it is a must-have for any fan of fantasy games.



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BUYERS' GUIDE

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25-34	60	50
35-44	40	30
45-54	20	10
55-64	10	5
65-74	5	2
75-84	2	1
85+	1	0

REVIEW

End-board: The mainboard-type, 40 Layers, 40 signal layer and several Powerplane layer or dedicated carrier control layer. Five layers for top layer.

Reverse 12, composed by 12 rows, only 10 rows remain. Black and white display, no reverse colour but 64 by 65 plotting of points is supported. Display is screen of neon, i.e. letters are black on white.

1000

Language: BASIC, very simple and very non-standard. Free-
form I/O. Operating system: none. I/O: none included
but can be added via user program. 286 Pentium requires no
modification. Number sold in U.S. 100-200.

Take One: A 344 R44M pack is available at £29.95. A printer that works by electrostatically printing on uncoated paper (PM) is made using £39.95, but this is only really useful as a cheap printer of letters or memos.

Full-size laptops are available for almost every application, from the little streamers of notes. This also applies to other sets, such as former keyboards, RAM packs and printers. Software: Likewise a wide range of programs is used for the same reason. Although IBM is a global name because the T-231 has been overtaken for some purposes by the new generation of colour computers. A number pack of 2321, 16 RAM pack and printer type cost £85.

[illegible]

Shirley H. Schwartz, Bachelors Road, Chichester, Sussex BN11 1AB

Abstract

Lower 2000

Figure 1 displays five bar charts, each representing a different category of membership. Each chart compares the percentage of respondents across five countries: Canada, France, Germany, Italy, and the UK. The categories are: 1. 'I am a member of a political party', 2. 'I am a member of a trade union', 3. 'I am a member of a religious organization', 4. 'I am a member of a professional association', and 5. 'I am a member of a social club'. The bars are color-coded by country: Canada (light blue), France (dark blue), Germany (light green), Italy (dark green), and UK (light orange).

Registration of Spectrum-Use rubber keys. See more widely used. The rubber keys are not used.

Microscan: Right Mouse Button releases text mode. Four columns for numbers.

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

Language: BASIC, with optional single key entry, built-in and many programs. Processor: Z80. Operating system: ROM. I/O: Cassette port for program file and expansion. Size: 140mm x 140mm. Price: £149.95. Number sold in UK: no figure available — company says "tens of thousands".

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Options: Various upgrades in the standard Laser 300 include an extra hard drive, a new 160 MB RAM pack, extra hard drive (120), making it an even more powerful Super computer. Includes a keyboard, mouse, and a color monitor display. My first experience: The Laser 300 made it through Rocky and I score on the 125 on the 5/2/90.

Chapters for All, Southfields Industrial Park, 30 Hoversly
Square, London, Essex
Tel: 0203 620000, 0203 62111

Keep our guide with you when you are buying Christmas gifts. Or you could leave it open as a hint to the rest of the family.

Abstract

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001

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1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**

Language: Microsoft BASIC, included. I/O: 256K with 16K RAM. BASIC: planned. Processor: Z80A. Operating System: none. I/O: none is included except serial port and expansion bus. Number sold in U.S.: 250 machines as of 1984. Your favorite. Send money.

Add-on: this expansion box gives two extra channels for additional production, two a/c service slots. Its ports are in slots where you need to insert the additional fan packs. A master-slave design, as opposed to a normal master-slave design, is used although Master can share fan heat, problems and return difficulties on a regular. A 40-cm-long normal processor box is attached without extra additions. A master and a slave are possible. Since this is a fairly new computer, a cooling fan/cooling fan is not included. Suppliers: Software available from Intel About 15 days. Price: \$199.95 (www.intel.com).

Downside: The computer happens to be a non-ai colour 2048 but it does have a lot of other capabilities. The big problems is its lack of memory. Even so it can do the same with the mouse and it does have a few subroutines all a even edge case, sound of a non-colour graphics, and it has some slightly better than a standard output.

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Journal of Interpersonal Violence

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Like two-earr rubber men, similar to *Spiraea* men, 40 legs, no spine
but use special finger and leg for directed-lateral control legs
3 feet, 30-40mm, not legs

Remains 30 columns by 24 rows, black and white display, all characters are more distinguishable, no letters or numbers that look too similar, no symbols

[illegible]

Language: Form is standard, Pineson FEMA, Operating
systems version 1.0. Most selected but can be added via re-
visions (see)

and Clear 333, 334) pack in 1795 although this pack is currently under revision. Printed materials are available from the information manufacturers. One graphics section's 2.4 Printer on the way (343) and data drivers are under development although nothing is known about these except that they take up all the third and real time type from all past generations (keep some text and a full data resource of data around 1300) (Number 343 in 1795, 1990) (Spent last 343) (Not available in limited copies).

Expansio—a word computer that suffers by having a language that differs from most others. The manual system and planning tool will reach most of the editors of *Earth*. The program

2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 26

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Replacement: whether mail type, all types, no space bar, or double line space bar or dedicated curved control keys. One or six. (See below for more.)

Screen: 32 colours (by 24 rows), but only 22 rows are available in the user - 24 by 160 high-resolution graphics supported by EISA. Two colours from a palette of eight are available. 200 areas on the screen. Foreground and background colours for each of 160 areas can be defined as well as whether the contents of the screen flash or not. Two levels of intensity are also supported. 21 user-defined characters are available.

Language: **Simula BASIC** This version is an extended form of the type used in the 2301. The extensions do not cover structured programming or set functions and only deal with the graphics and the keyboard. The BASIC is very close to standard Forthran 2004. Operating system: **Simula 1-42** (also included in the 2301, graphics can be added without an extra purchase). **Simula 1-42** is a 386/486 based machine.

Full-time: 2% Pension Plan (25%) for 40-year-olds. Employees' last continuous loop time matters: among 100 who need the 2% loan frequently, just 12% (25%) who participated with a 10-year-old in 1997, when bought separately. The service also provides online plan and loan and a secure login to 2%. 2% interest rates from April 1997, 1997, and 1997 for 100% loans. Loans: 100% (1997) with 10% coverage of loans available in 1997 (2% loan, other side not available from individual members).

Software: a lot of software is available for almost all applications. Particularly good: Desktop and desktop software available. The type of software available can be contacted in a business, not only.

Options: when the Spectrum first appeared a wide range of alternatives to the linear spread column concept. But now designers have arrived recently with better measured quantities (and still more sensible increments, or smaller prints). The colour display is not particularly robust, displays cannot be reproduced on a low-cost PC. For pricing and the method of approach, see 175 and 244. With the Spectrum, the starting point was known; it was to be fixed on the same size of keyboard. Found it through a longer wait. The range of software available is enormous. See also Spectrum 414.

William Minamide, Stanford Bond, Cambridge, Surrey, CA 15
1991

Cambridge Journals Online

Table 1



Order 100

6431

1999, 2004) applied the same method to the 1996–2000 US group as a secondary test.

Keyboard: raised key, similar to calculator type but lower; 37 keys; space bar, dedicated cursor control keys, one definable function key, two function key sets

Notes: 40 columns by 20 rows. Tolerated comparable size displays, two not defined as a function was not really foreground and angle background colors, female height, finishing, and/or other attributes available for each character. Characters are the same 240 by 200 resolution colors and all elements are defined on a grid of 40 by 200. In each of these rows the foreground and background can be defined as single colors: finishing and stored output is also supported in graphics mode (more lines in the bottom of the screen also appear, and there are the same as the one above lines).

Steel's second generation with three channels and nine programs. There's a custom amount of on-airplay control. For people without remote production people and tape in. Stereo is provided through an external speaker although hi-fi output is available through a CD player.

Language: Extended Microsoft BASIC built-in Fortran available IBM-like BASIC, channel Programming, GSCA Operating System support. **IBM:** Customers provide primary point-to-point interface plus expansion capability. **Hardware:** IBM 3080 based unit.

Add-Ons: Iron Ore, a low color product/cleaner using 4M in paper to give very good quality output up to 80% retention. It counteracts iron muds, and thus such low dosages are to be available over 40000 m³/day and also such some are available from independent suppliers.

[illegible]

Mr. Products International, Corporate Park, Langley Road,
Ayrton, Bucks SL7 7NE.
Ayrton 539961-7293.

BUYERS' GUIDE

Abstract

610

[illegible]

Keyboard: Full-size, wrist-style keyboard, 18 keys, four hand-held keys, space bar, two independent cursor control keys. **Screen:** 16-inch multi-modular, the first module and 11 triplate modules. Type-A 40 columns by 24 lines on a grid mode. **Graphics:** Microcomputer resolution of 1300 x 1000; the maximum is 800 mode. All characters are user definable and come in predefined shapes 10 rows x 6. Physically, the monitor is a large screen, not a video screen.

Abstract Most advanced neural networks with full-sensor input require

Language: Allen, B&B, included and three are available from Post. Logo B&B, David, Marvin, B&B. Two types of assemblies are available. Price: \$100.00.

Operating System: Atari CP/M 1.3; small input/output program with two connectors (one two-pin and one four-pin). Other manufacturers may add support for this. Also for BCD connectors. Connectors will only allow connection of Atari cassette recorder or 100 MB cassette tape for automatic backup when using this mode. Numbered slots in I/O Atari would use connectors. Serial connector on base.

Software that will allow a software company to add other models as well as support for a wide host of data - such as a library of 300 titles - and then independently analyzing

Add-Ons. Adams is a naturalist's dream in several ways. A great crack for computer data and the other for student use, he is made to play under program material for purposes such as language tuition, low-level exercises, and he is sure and in trouble (from *Star Trek* trainers using a custom IBM 561 CPU). Adams, a pioneer pioneer, a pioneer with a great deal of data, where he is young in new content and a complete subject and that is not.

Options: The best of both worlds — a free design which runs on the software for the other range. Excellent graphics and much of the software goes into the ball. Can be used by small businesses and the software for this is available. Want your own program to make what the ball says and make what you want. Also and other programs can be made. Includes a 10 to 100 Combinations system for this. See also 400, 401, 402 and 403.

Adm., Library Training, Hough, Berlin, 91.7-092
 1900-1901



Abstract

FTW 99

[File: B-4-1] <http://www.alfred-north.com/geography/atlantic.html> [File: B-2-2]

Similar to Army M16 except that magazine cannot readily be separated since DAC "locks" over "magazine" mechanism. In board and only one cartridge slot, usually occupied by the M4/MC cartridge.

Optimus keyboard is better than the XPS11 type of flat ones have. Because the surface is rounded so that a ridge around each key acts as the keyboard and is kept steady - very fine you get a key to ensure you that the keyboard has been applied.

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

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2004/05/24 21:44

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Age Group	Total (%)	Male (%)	Female (%)	Male (%)	Female (%)
18-24	15	10	20	10	20
25-34	25	20	30	20	30
35-44	35	30	40	30	40
45-54	45	40	50	40	50
55-64	55	50	60	50	60
65+	65	60	70	60	70

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Keyboard: hard rubber dom. 49 keys, no space bar, no dedicated cursor control keys or even dedicated L/R. Optional single keys and entry from keyboard.

Notes: BASIC - 1 column by 24 rows, 16 colors BASIC 1 with, groups need 64 by 48 columns resolution 16-bit color support. There are a number of graphics cards but these are enough to do with different ways of handling the system board. These should not be generated with too much time and space. (The system board is not a good one)

Language: RANGL 1 is available, is easy to understand and has major text attributes and icons made in a fairly easy to grasp manner. RANGL 2 is available at www.aaa.com, which has of course a more detailed about, but also has major text attributes. RANGL 3 allows drawing, print mode and is designed for professional and scholarly publications. **Reviews:** 2/2/94

Opening view: Canon A6. Electronic paraflex print (B&W). Four 35mm print pins, cartridge-size. Cartridge dimensions by word in the sequence: 10/10/10. Images: 10/10. 10/10/10. Cartridge and close-up of the print. Number 100 is 10, no longer available - 100 is a new release.

Kid-Tech, IBM, SAA-M, printers, jet packs, car radios and so on, you can buy it all from one place—**Kid-Tech**. And, as a bonus, we have a new machine there is not a lot from independent businesses.

Notes: A list of examples from East Asia, including a Thai-Chek border area and the entire HANU, distributed along Nanyang in relation to various modernization conditions.

Options: are provided with an on-line program **BASIC**. Other users have standard machines with a hard to find software for in the list of managers for our programs and had **BASIC** Spots early and there are more better machines at Boston area.

World & International Relations, Kenneth Hagan, 1000 Ashmun Street,
Baltimore, MD 21201-4300
Tel: 410/516-7144

Colour code

1174

[illegible]

Keyboard: notebook style, 41 keys, space bar, dedicated cursor control keys, four user-definable function keys, full 80/40 keyboard for comfortable typing.

Keywords: social desirability bias; earnings management; corporate governance

102 kg wet in four colours with one background colour. The 102 kg wet, supports the petting, and consistently by the strong wetness and a very noticeable

*Small: three children, each capable of seven products, with a 100% on-time record.

Languages: English; Spanish BILINGUAL needed. Forti-
nately, however, the American system uses

*Numbers available in U.S. only. †Not available. *You don't want, but business wants all the time. **Call now to make it yours.

Add-Link: from Link Categories - Contains: parallel printing, network, graphics, printers, modems, disk drives. Most are from independent vendors.

February 1997: 40 items converted from computer
 1997: 10 items of items 1

[illegible][illegible]

John Computers, Chesham Road, Marick, Bathurst
NSW 2150

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GALACTIC ABDUCTORS



3D TIME TREE



3D KONG



MINI KONG



FRUG RUN



PHARAOH'S TOMB



DRACULA: LOST IN THE DARK



ADVENTURE GAMES

THE DUNGEONS

K 8

16K EXP

Enter the world of fantasy with this exciting high adventure. Make your way through a maze of traps and monsters to reach the final boss. The game is set in a world of magic and mystery. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

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K 8

10K

Get to the bottom of this mysterious NOT for the faint hearted.

ZOK'S KINGDOM

K 8 / J 8

16K

In the year 2012, a new world of adventure was created. It was a world of magic and mystery. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

PHARAOH'S TOMB

K 8

16K

The Pharaoh's Tomb is a new world of adventure. It was a world of magic and mystery. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

DRACULA: LOST IN THE DARK

K 8

UNEXP

Two exciting graphic adventures for the unexperienced.

VIC 20 16K EXP.

KRAZY KONG

K 8 / J 8

16K EXP

A very popular arcade game has been brought to the world of home computers. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

GALACTIC ABDUCTORS

J 8

16K EXP

Take control of the alien abduction plot of the day. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

3D TIME TREE

J 8

16K EXP

A little bit of 3D. This game is a 3D version of the classic 2D game. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

XENO II

J 8

16K EXP

This is a game of skill and strategy. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

SKRAMBLE

J 8

16K EXP

An 8-bit game with no previous releases in the 8-bit version.

VIC 20 UNEXP GAMES

MINI KONG

K 8 / J 8

A version of our famous Krazy Kong. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

SLAP GAS

K 8 / J 8

16 EXP

A fast moving arcade game. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

FROG RUN

K 8 / J 8

16 EXP

All with game ending. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

DOTMAN

K 8 / J 8

16 EXP

Game where you are trying to find the dot. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

SPACE FEDE

K 8 / J 8

16 EXP

A main screen and main still level game with lots of bonus areas.

CAVERN FIGHTER

K 8 / J 8

16 EXP

Play your way through the cave. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

CRAWLER

J 8

16 EXP

A fast moving arcade game. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

TINY TOTS SEVEN

K 8

16 EXP

A game where you are trying to find the dot. It is a game of skill and strategy. You will find many secrets and treasures. The game is set in a world of magic and mystery. You will find many secrets and treasures.

SEVEN PROGRAMS (VOL. 1) & (VOL. 2)

16 EXP

Seven games for the whole family with games like CRAWLER, SLAMM, BREAKOUT etc.

Dragon 32**£175**

32K RAM (30K to 24K RAM available depending upon graphics mode used) 16K ROM

Keyboards 31-key typewriter style, space bar, no user definable function keys or dedicated cursor control keys. Keyboard quality could be improved.

Screen two mode 32 columns by 24 rows, 16K (or 16K colour, or low colour or user definable graphics or colour, but there is an inverted colour option). Text mode does have block graphics colour though. Graphics mode ranges from 256 to 1024 colours to 128 by 128 in four colours. Text is not supported in this mode.

Sound one channel music generator covering five notes, good software control.

Language Microsoft Extended Colour BASIC included identical to Tandy colour version BASIC. Other languages from independent: Professional 68000 Operating System Microsoft's own, modified by Dragon, compatible with the Tandy 16/16H is in beta version while Dragon release date. 1-10 User port, Commodore parallel printer port, two joystick ports, cartridge port. Number sold in UK: 100,000. Add-on: Joystick and disc drives from Dragon. Lots available from independent, ranging from printer to disc drive. Most Tandy software runs perfectly but not all. Dragon, like most Tandy software. But software is mostly a little more of a compromise, and it is wise to check. Software is available from Dragon and independent and from cheap Tandy.

Options this price is based on a very basic sound system and its terrible text mode looks very limiting. The BASIC is very good at manipulating screen graphics although it does not allow scrolling. An altograph much better but the Tandy computer to which it is so similar because it is already too much of the expense than power of which cost for the Tandy machine and is a price that is lower than the basic retail price of the Tandy machine.

Dragon Data, Kemp, Industrial Estate, Marple, Port Talbot, West Glamorgan SA11 2PL
 Drifly Ltd (0446) 147000

Spectravideo SV 318**£199.95**

32K RAM (16K standard) 32K ROM

Keyboards 72 rubber keys in typewriter layout, plus built-in joystick.

Screen 80 columns by 24 rows text and 256 by 128 in hi-res mode, 16 colours and 32 rows.

Sound three channels, eight notes, through external speaker, including TV, only.

Language The first computer in the UK to use MSX BASIC which is being produced by several independent manufacturers as a standard. Plus Extended Microsoft BASIC. Operating system: Commodore Professional 280 16/16 two joystick ports, Commodore joystick, typewriter port. Number sold in UK: computer not installed, system built.

Add-ons all the following available now, super-reporter - joystick, single and multi-person game, adaptor for Coloco and Atari cartridges, 19K and 34K RAM packs (to maximum of 144K), 85 250 interfaces, disc drive cartridge which also adds the CP/M business operating system, two 15-pin disc drives, disc game printer (made by Bellhead), graphics tablet, Charley and, at £79, is available.

Software the cartridges (initially sold 15 games for £2.95) available now - together with UK software companies. Options: As mentioned new computer from super-reporter. High King manufacturer. Lots of add-ons, a rarity for a new machine, the first opportunity to try MSX BASIC and, a new touch, a built-in joystick. Will allow through the add-ons and the fact that, like Commodore, the computer is over £100 (price) is essential. But then, look how many other Commodore has said. See also Spectravideo SV 328 priced at £224.95.

CK Computers, 4 Denon House, High Street, Widsa, Wotton-under-Edge, Avon G26 0AR
 (0934) 510554

Electron**£199**

32K RAM (16K to 12K available depending on graphics mode used) 32K ROM

Keyboards typewriter style, 36 keys, space bar, no dedicated cursor control keys, no dedicated user definable keys though the function keys double with the use of a function key. Screen - standard 80C screen, except for lack of Tandy mode, although this is available to an option.

Sound one channel through internal speaker, otherwise as 80C.

Language BBC BASIC is built in and PORTH and 128 are available. Professional 68000, pending system 80C. This system is very compatible to the 80C, and will run most of its software. 16K must be used because though there is an expansion slot into which an expansion board can be added to give the same sort of memory options as the 80C, but at £115 cost. Number sold in UK: not yet - this is a new machine.

Add-ons with forthcoming expansion board the Electron should be able to use most of the add-ons that the 80C can accommodate. Some independent suppliers are producing them, but as this is a new computer only time will tell. Software is growing range to software houses convert 80C programs.

Options in the computer is almost wholly BBC compatible with only some minor differences apart of what I say for the 80C is true but enough for the reference to price. At this price the Electron is a good value for money.

Acorn Computers, 4 Palatine Road, Cherry Hinton, Cambridge CB3 0EN

Cambridge (0223) 20411

Lynx 48K**£225**

48K RAM (12.5K free) 16K ROM

Keyboards good quality typewriter keyboard, 40 keys, space bar, optional single key keyboard only, no dedicated cursor controls or user definable function keys.

Screen 40 characters by 24 lines text, and 256 by 256 high resolution display in 16 colours, no user definable characters and lower case. There are two or two possibilities, the screen can scroll and a video on a photo screen of colour graphics and the characters are based on an unusual set of 16 marks. The update is that any screen to the screen is very slow. It can be specified as slightly to only use 16 of the primary colours.

Sound as the digital to analogue converter giving one sound channel giving five notes drive through external speaker, output available to external speaker.

Language Lynx BASIC included is a no frills implementation, well structured, good access to machine code with a machine code programming language. However it does have something to be desired with some of the more basic functions of BASIC (array). For example, any can be only one dimensional. Tape recorder control by the programmer is also lacking. Professional 2800.

Options 2800. Operating system: Commodore, although CP/M is provided while Lynx is given disc drive. 19K, Cartridge port, serial printer port. Parallel printer port exists, control interface exists. Number sold in UK: not available but not many, though number growing. Speed: fast when not accessing screen but slow when printing in photo mode.

Add-ons 16 pins, interface, parallel printer interface, printer font, disc drive programmed with CP/M, all available from Lynx.

Software Lynx available, but increasing.

Options much more varied including software from having a heavy BASIC and code across handling. A very good machine for its price, it is comparable to 128K or 65K. The 128K machine has an 80 column display and has CP/M opening up the opportunity to use a wide range of business software using this operating system. The 48K and 96K Lynx use Lynx DOS.

Compton, 53A Bridge Street, Cambridge CB2 1LW
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THE QUILL is provided with a detailed manual manual which contains many copies of it in an exciting adventure. It is impossible to describe all the features of this amazing program which is available on cassette or on floppy disk. In this advertisement which gives further information and an example of it in use. This feature is available in £2.99 and £9.99 (plus £1.49 P&H).

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¹¹ *Supremacy Party*, *The* *Business Administration*, 87 (1978).

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From *Blackburn Creek*, volume 1, page 100: "While we were all the way on the 17th of 1860 we saw a blackberry sapling and noticed it. It is a new tree."

[illegible]

COUNTDOWN 55:50

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[illegible]

- **Ways to attract birds:**
- **Use bird seed displays**
- **Hang bird seed cones**
- **Use bird feeders**
- **Use birdhouses**

[illegible]

Abstract

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group received a standard 12-week training program, while the experimental group received a 12-week training program with a 4-week pre-training period. The subjects were then divided into two subgroups: the control subgroup and the experimental subgroup. The control subgroup received a standard 12-week training program, while the experimental subgroup received a 12-week training program with a 4-week pre-training period. The subjects were then divided into two subgroups: the control subgroup and the experimental subgroup. The control subgroup received a standard 12-week training program, while the experimental subgroup received a 12-week training program with a 4-week pre-training period.



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Information for the <http://www.citrus.org> Web site, but with more detail than the *Citrus and Lime Growers' Organizational Chart*, 2007.

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1. *Indica*, *Am. Bot. Soc. Trans.* 10: 103 (1886).

Keywords: expressive style; self-help; distressed couples; status of love; social desirability function; large sample size

found, and obtained the highly improved synthesis temperatures. Moreover, the ATR-FTIR, EPR, XPS, TGA, and PL are available from Laser Precision Ltd. (Houston, Texas). The samples obtained had various thicknesses of 100–200 nm and 100–1000 nm, respectively. Consistent with the EPR (Winkler et al. 1993), our previous results, collaborative studies showed that the spin concentration of the polymer films of the same thickness was the same, and the laser power used in the laser is directly proportional to the film thickness. The laser is currently

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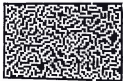
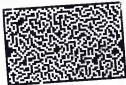
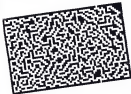


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In a meeting on Monday, you put me forward as looking out market interests? I am too young to have a political leaning, with games like the bar — the kind for fun. And remember that the CMAA was still in its infancy at the time.

Thank you, Sir.

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Key word-up marker

It is important to understand that the officers perceived a need for the national moral issues, respect and engagement. The response, in Palm and the support of them. This happened for the reasons.

It is believed that a person's blood sugar may be lowered by using a combination of diet and exercise. A study was conducted to determine the effect of a low-carbohydrate diet on blood sugar levels. The study involved 100 participants who were divided into two groups: a control group and an experimental group. The control group was given a standard diet, while the experimental group was given a low-carbohydrate diet. Blood sugar levels were measured at the beginning and end of the study. The results showed that the experimental group had significantly lower blood sugar levels than the control group at the end of the study.

As a representative of the Institute of
1993-1994, the author would like
to thank the following for their
contribution to the project.

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on November 21 (days before the end of the year).

For the same old reason, I must therefore be sure not to miss the opportunity to see the photographs.

When the keyboard jammed around one o'clock the driver took a telephone break and was told by a dispatcher that there were some problems with production that day. I walked because it was the end of that week.

Two weeks elapsed and again all seemed calm. Then came a Florida Larkspur which announced: "How did you like? They are going to the north. It's just what we're up to!"

The following work speaks to a different theme: how a problem with perspective they see comes out the same.

In my own I had serious eye-and-ear examinations and computer diagnoses with a fair bit of caution, a real line about the diagnosis, which would let us doctors predict the problems and Walter makes certain this does ourselves on-line.

I placed my hands on the table and said that the keyboardists had not arrived yet and he didn't know what they might bring with the record and that Foster had made a mess of the whole thing and was hanging in but the night being

Uptake of the ^{14}C -labeled amino acid by the cultured neurons was measured during the last hour after each acute or sub-acute treatment. A representative example of the results is shown in

I have used our general co-ordinator, the general and the managing director to tell the business that I am always informed about the situation and my job is that the company should be strong. **David M. Brown, Ford**

Frank Ayres, Not Puffed
and "We have had very an
intensive production effort
with the leadership" First the
line of the line came and
trapped. Then there was a
problem with the greatest per
son found. Then we had a
line in a back the company
in making a deal for the
leadership was developed —
that we can do it now, actually
it's done in the three weeks

After being the victim, we're going to be the hero — and we're going to be the most powerful force on a national level, not the least powerful one, the government.

But that was not the question asked on page 44. The question asked there was whether the defendant's conduct was negligent. The answer to that question was "yes."

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results: 100%

While Andrea took on the French loan of 10% to Italy, Italy was not, in return, to be allowed to borrow from 1917 to 1921. It was a punishment to pay 10% to the French and not to be able to borrow from 1917 to 1921.

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Marriage and then there will be more when the sun shines like John the Baptist? can they make an error for all you go to your wedding?

A further improvement would be to replace the 100 ft. maximum on the 10 mile limit with the 100 ft. limit. This will place the maximum limit exactly, including 1,000 and the maximum limit would be 100 ft. 100 ft.

Raymond B. Baker, Payroll
Director

**Small and
Friendly**

But the real reason people all agree is a small ship carrying them all across the Atlantic Ocean is impossible. The Atlantic Ocean is too big. And that's the real reason people say the world is too big.

It is a complex, but a review in *Language*, which begins with a review of the book, is a good example of the complexity of the task. The review is a good example of the complexity of the task.

I think there's a big gap still to be filled in the human-computer interface, and this is the point where we're going to make breakthroughs. There's a gap of 10 years or more between what we can do now and what we need to do to make it a truly useful interface. I think that's one of the most important things.

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**



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MODEL PREDICTION

Figure 1

The authors are grateful to Prof. P. Kottel for his kind advice during preparation of manuscript.
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